



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

53883-461

Date of Issuance:

11/18/19

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CSI 16-288 Prodiamine +  
Oxadiazon with Fertilizer

Name and Address of Registrant (include ZIP Code):

Ms. Lisa Adamson  
Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Shaja B. Joyner, Product Manager 20  
Fungicide-Herbicide Branch  
Registration Division 7505P

Date:

11/18/19

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 53883-461.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/10/2019

If you have any questions, please contact Eleanor Thornton by phone at 703-305-6799, or via email at [Thornton.eleanor@epa.gov](mailto:Thornton.eleanor@epa.gov).

Enclosure

# CSI 18-288 Prodiamine + Oxadiazon with Fertilizer

For sale to and use by professional applicators only.

**CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** is a selective pre-emergence herbicide for control of crabgrass, goosegrass, annual bluegrass and crowfoot on turf and golf courses, on established bermudagrass, zoysiagrass, St. Augustine grass, ryegrass, centipede grass, bentgrass, bluegrass, tall fescue grasses, and a wide variety of woody ornamental shrubs, trees, and vines.

**CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** also controls many annual broadleaf weeds, including spotted spurge, knotweed, chickweed, yellow woodsorrell and clovers.

**Active Ingredients:**

Oxadiazon: 2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-delta <sup>2</sup> -1,3,4-oxadiazolin-5-one.....	1.0%
Prodiamine: (N <sup>3</sup> ,N <sup>3</sup> - Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine.....	0.2%
Other Ingredients .....	98.8%
<b>TOTAL</b> .....	<b>100.0%</b>

## KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

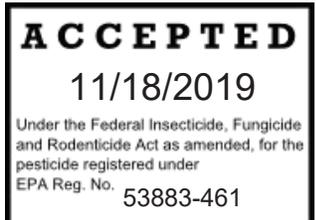
FIRST AID	
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or when going for treatment. For information on this product, contact the National Pesticide Information Center, 1-800-858-7378, Monday-Friday, 8:00 AM – 12:00 PM PST. You may also contact Safety Call at (866) 897-8050----- for emergency medical treatment information. <i>{Note to reviewer: The service provider and phone number may vary on the market label.}</i></p>	

EPA Reg No. 53883-NEW

EPA Est. No. XXXXX-XX-XXX

Net Contents:

Manufactured by:  
Control Solutions, Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS**

**CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT  
(PPE)**

Some materials that are chemical-resistant to this product are made of any waterproof material.

Loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Gloves

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations:**

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters or rinsate. Apply only as specified on this label.

## PRODUCT INFORMATION

**CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** is a selective, pre-emergent herbicide for control of annual grasses and broadleaf weeds in established bermudagrass, bluegrass, tall fescue grasses, and on a wide variety of woody ornament shrubs, vines, and trees. It is especially effective on crabgrass (*Digitaria* spp.), goosegrass (*Eleusine indica*), annual bluegrass (*Poa annua*) and crowfoot (*Dactyloctenium aegyptium*). Many broadleaf annual weeds such as spotted spurge (*Euphorbia maculata*), knotweed (*Polygonum* spp.), chickweed (*Stellaria media*), yellow woodsorrell (*Oxalis*), and white clover (*Malba medic*) are controlled pre-emerge from seed. **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** controls the weeds by killing the young weed seedlings as they come in contact with the herbicide during germination.

[Ureaform is the fertilizer carrier of the herbicides in **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer**. Ureaform is a slow-release, non-burning, non-leaching, odorless, pathogen-free source of nitrogen. Applied at 200 lbs. per acre, it provides the majority or total quantity of nitrogen required by bermudagrass or bluegrass during the entire growing season.] *{For use only when Ureaform is present in the formulation.}*

For best results, water-in the product as soon as practical after application.

### USE RESTRICTIONS:

- **Not for sale to or use by homeowners/consumers.**
- **Not for use on home lawns**
- **Do not apply more than 600 pounds of product per acre per year (equivalent to 6 pounds ai/A/year) except in areas of heavy weed infestation.**
- **In areas of heavy weed infestation, do not apply more than 750 pounds of product per year (equivalent to 7.5 pounds ai/A/year).**
- **Do not apply more than 400 pounds of product per acre (equivalent to 4 pounds ai/A in a single application).**
- **Do not graze or feed livestock forage cut from areas treated with CSI 18-288 Prodiamine + Oxadiazon with Fertilizer.**
- **Do not apply this product through any type of irrigation system.**
- **Do not apply by aerial application.**

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment(PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry into treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water is:

- Coveralls,
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material
- Protective eyewear

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

### TURF

Apply **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** at 200 lbs. product per acre for weed control (4 1/2 lbs. per 1000 sq. ft.). Apply in early spring before weed seed germination.

Apply to dry foliage with a properly calibrated granular applicator at the specified rate prior to weed seed germination. Complete aerifying, verticutting and raking before applying **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer**, so that the protective chemical barrier is not disrupted.

Use only on established turfgrasses. Germination of overseeded grasses may be reduced by as much as 50% more or less, if seeded within 6 months of an application. For newly seeded bermudagrass, ryegrass, and bluegrasses, delay application until after second mowing. Use on newly sprigged or vegetative planted bermudagrass and bluegrass after stolons have rooted.

## APPROXIMATE SPREADER SETTINGS

(For applying **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** in one pass over turf)

Listed below are approximate spreader settings. These should serve only as initial starting points for calibration because all spreaders will vary in their operation depending on the age, condition, particular model and speed of operation. Always calibrate your own spreader according to the manufacturer's instructions.

**Rate: 200 lbs. per acre, or 4 1/2 lbs. per 1000 sq. ft.**

SPREADER TYPE	WIDTH	SETTING
Cyclone:		
Model B-1-80	6.5' spread	4.0
Gandy:		
Turf Tender Speed 4 mph	(24 & 42 inch)	3.8
Scott:		
Model 100	36" spread	5 ¾
Model R8 Cone	12' spread	K ½
Model R7X	12' spread	N
Lely	Roman Numeral II, speed 4.5	5 1/4
Vicon	Speed 3.5 mph	35

Walking speeds should be adjusted to generate indicated spread widths. Slower speeds result in smaller spreads.

### WOODY ORNAMENTAL SHRUBS, VINES AND TREES

Apply **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** to established plants any time during the year, prior to weed seed germination. **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** can be applied to both newly transplanted and established ornamentals. Delay application to new transplants until soil has settled around plant. Application can be made to actively growing or dominant ornamentals. Cultivating or disturbing the soil may reduce the weed control of **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer**

#### Use Restrictions

- **DO NOT** apply to wet foliage or under conditions in which granules will collect on leaves.
- **DO NOT** apply in greenhouses.

**CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** should be applied at 200 lbs. of product/acre or 4 ½ lbs./1000 sq. ft. prior to susceptible weed seed germination, with a suitable spreader which will assure accurate, even particle distribution. Do not apply herbicide granules to wet foliage as phytotoxicity can result. Applications should be made to weed free surfaces. Susceptible weeds are listed on this label under the " Information" section. **CSI 18-288 Prodiamine + Oxadiazon with Fertilizer** has shown excellent results when used on the following:

## Container and/or Field Grown Ornamentals

### Scientific Name

*Acacia* spp.  
*Acer palmatum*  
*Barberis gladwynesis*  
*Betula papyrifera*  
*Buxus microphylla*  
*Callistemon viminalis*  
*Camellia japonica*  
*Chamaecyparis*  
*pisifera*  
*Comus florida*  
*Cortaderia selloana*  
*Cotoneaster* spp.  
*Cupressus* spp.  
 \**Euonymus fortunei*  
*Forsythia intennedia*  
*Gardenia jasminoides*  
  
 \**Illex* spp.  
*Jasminium nudiflorum*  
*Juniperus chinensis*  
*Ligunstrum amurense*  
*Lonicera japonica*  
  
*Magnolia* spp.  
*Nerium* spp.  
*Pachysandra*  
*terminalis*  
*Photinia fraseri*  
  
*Picea abies*  
*Pieris japonica*  
  
*Pinus* spp.  
*Pittosporum*  
*rhombifolium*  
*P. tobira*  
*Prunus laurocerasus*  
*Pyracantha coccinea*  
*Querus* spp.  
*Raphiolepis indica*  
 \**Rhododendron* spp.  
 (including azalea)  
  
*Santolina virens*  
*Taxux cuspidate*  
*T. media*  
*Thuja Occidentalis*  
*Viburnum japonica*  
*Vinca major*  
*Vinca minor*  
*Weigela florida*  
  
*Xylosma congestum*

### Common Name

Acacia  
 Japanese Maple  
 Barberry  
 Birch, Paper  
 Japanese Boxwood  
 Weeping Bottlebrush  
 Camellia, Common, Japanese  
 False Cypress  
  
 Flowering Dogwood  
 Pampas Grass  
 Cotoneaster  
 Cypress  
 Wintercreeper  
 Border Forsythia  
 Gardenia, Cape  
 Jasmine  
 Holly  
 Winter Jasmine  
 Chinese Juniper  
 Amur Privet  
 Japanese  
 Honeysuckle  
 Magnolia species  
 Oleander  
 Pachysandra  
  
 Frasier's Photinia  
 (Redtip)  
 Norway Spruce  
 Lily-of-the-Valley  
 Shrub  
 Pine  
 Queensland  
 Pittosporum  
 Japanes Pittosporum  
 English Laurel  
 Firethorn, Scarlet  
 Oak Species  
 Indian Hawthorne  
 'Coral Bells'  
 'Formosa'  
 'Hino-crimson'  
 'PMJ'  
 'Roseum Elegans'  
 Green Santolina  
 Japanese Yew  
 Yew  
 American Arborvitae  
 Japanese Virburnum  
 Vinca  
 Dwarf Periwinkle  
 Old Fashioned  
 Weigela  
 Xylosma

\*Certain cultivars of these species may be sensitive to this herbicide. Growers should evaluate usage on a small scale prior to large scale application if not know.

### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE STORAGE:** Store in a cool place. Protect from excessive heat

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### **LIMITATION OF WARRANTY AND LIABILITY**

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc election, the replacement of product.